



SEPTEMBER 2022

VOLUME 19 ISSUE 09

©Radio Club of Tacoma W7DK

FROM THE EDITOR!

Hello Again Members!

Fires and hurricanes hopefully not followed by earthquakes! Sometimes we begin to wonder what the future will bring to us.

I say, let's not dwell on the things that might happen, and only deal with the things that do happen!

That said, We are entering into good times radio wise. RCT held our annual fund raising event during the Washington State QSO party also known as The Salmon Run. It was a good event and we managed the proverbial "Clean Sweep" by working all 39 counties in the state.

In this issue, we have a nice story about the WW7LW Salmon Run rover event run by Rich KR7W and Chuck AC7QN. Rich moved to Idaho last year but he returned to do this event again this year as they have done together for many years! We all appreciated their effort!

In that vein, it is also appropriate to consider that the fall is the beginning of the HF contest season. Salmon Run is only the beginning. Recent weeks have shown that HF propagation is returning now as we enter solar cycle 25.

The last couple of weeks even the higher bands like 15, 12 and 10 meters have had good activity. This is a good indicator of fun times just over the horizon!

Lets take the last few sunny, warm days this fall to check the equipment out for the upcoming radio season and this includes using the RCT HF stations on Saturdays! 73 For Now, Gary WG7X



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Radio Club of Tacoma
Board of Directors Meeting Agenda
September 7, 2022

Meeting called to order at 19:00 by President Mike W7XTZ

Officers and Directors Present

President	Mike Mikuchonis W7XTZ
Vice President	Adam Barbera W2NCC
Secretary	Mike Drorbaugh W7MKE
Treasurer	Steve Dightman AF7YD
Board	Bruce Hanson WE7P
Board	Paul Matney W7PFU
Board	Doug Schafer AB7DG
Board	Red Cranefield WB7EC
Board	Phil Pia K7PIA

Quorum? All Board members were present and 20 members attended in person or via zoom. The attendance list is attached.

Silent Key or Illness?

We learned from his XYL Vikki KI7TCX that Jeff Carter W7WAL RCT #2098 became a SK in January 2022. David Curry N7XRJ also became a SK but we don't know when. Right after the WashJam 2022, Larry Richardson K7LPD who lead the RCT group fell and hurt his knees and hand. He had to have operation on his knee and just got a cast off his hand.

Approval of Minutes

Without objections the minutes of August 3, 2022 RCT BOD meeting were approved as posted.

Secretary's Report (W7MKE)

Mike W7MKE reported that all correspondence received has been routine: bills, magazines, memberships, and Salmon Run donations.

Treasurer's Report (AF7YD)

Steve AF7YD submitted a written report to the Board which is attached to this report. A detail of Field Day expenses was included.

Committee / Reports

Membership / Salmon Run info / other mailings info? (W7XH/K7GRS)

Mike W7XH reported that the proposed bylaws have been mailed to 288 members, we now

have 289 members, got a few returned and he's updated information and re-mailed to those he could. He stated that Salmon Run donation form is available on the website. Membership renewal envelopes are ready to go. Mike is waiting for the election ballot to be created after the October membership meeting. He'll then mail out the ballots for the proposed bylaw and election at that time.

Library (AD7AV)

George K7GRS reported that Doug AD7AV sent an email indicating that our RCT History Book was included in an online compendium of "all things radio." George K7GRS and Doug met to do further planning for a library inventory.

Training (AD7AB)

It was reported that Dave N7HT will be doing a general class later this month. Stephen AD7AB previously reported a Technician class would be held in October.

VE (AC7WW)

Last report was August 10th at the Monthly Meeting. John reports: Next test session is September 13th

Info Tech and Website (WB4SPB)

Randy WB4SPB reports the website and club computers are nominal. Randy has reviewed the suggestion to make BARK files available in Zip form on website. This would about double our storage on the website and he didn't think it a good idea. Randy looked into possibly doing a key word search program but we don't have the correct PHP version to take advantage of this capability. We could store the archive on the NAS. Randy has put two years of the BARK on to the NAS and is waiting to test the key word indexing. Randy reports he'll have more information by next week at our Monthly Meeting. Randy reported he's added to the website a tab called "RESOURCES" that includes video links including RCT FD 2022 a 1955 W7DK FD video. Those videos and links to others are now on our website.

HF Operations (K7PIA)

Phil K7PIA reported all stations are operational. See contestcalendar.com for contest information. We're starting to get into some big contests. Next weekend we have several state QSO parties. For DX information, look at NG3K.com for DXpeditions. Al N7OMS reported that we are still waiting to replace the 70cm beam antenna. He needs coax cable and he wants to get the tri band (6M, 2M, 70cm) vertical up while the weather holds good. BJ WA7WJR reports that on 10/1 is Oceania DX Contest, phone and 10/8 is Oceania DX contest CW. BJ WA7WJR will be in Guam for the 10/1 contest and on Rota Island for the CW contest.

Tower (K7MO)

Adam W2NCC reported that he needs some equipment from Nick K7MO for our tower and has no information on tower grounding.

Repeater Ops (N7OMS)

Al N7OMS reported all systems are nominal. We are still trying to arrange with Bates to get the repeater there moved into the old AT&T building and get Bates paid.

Facilities Management (W2NCC)

Adam W2NCC reports were going to get the last portion of the ramp completed and the ramp painted with non-skid paint and that will complete the ramp project. Adam stated that we got a good deal on the ramp because of all the help of club members so thank you all the club members who stepped up to help. Upcoming we will get bids on getting the fascia repaired.

Property Management (WB7EC)

Red WB7EC submitted a disposal list that is attached, which constitutes a **motion**. Adam seconded the motion. Discussion was about what “disposal” means. When PMT “disposes” of property it first goes to committees or club use and then goes for sales to members or others. **Motion passed.** Bob K7MXE requested that item 15 on the list go to replacing K7HW beacons. **Adam moved** to donate item 15 which has nominal value. Motion was seconded by Red. Without objections the **motion passed.** Red reported that PMT has taken in August we took in \$147 and last weekend we took in more than that. We’ve had lots of good donations recently some 547 items to check out.

Museum (KD7SV)

Dan KD7SV reported all the museum radios at stations are operational. Dan has been working trying to get member Jack Kalina’s (WA7VDI) radio working. It had a disconnected speaker audio wire and needed calibrated. Jack also has a Kenwood TS-520s radio that needs a cinch jones 12 pin connector. Mike W7MKE and Dan have been working to help Jack as he has Alzheimer’s and needs something like Ham Radio to keep his brain engaged. PMT received a Heathkit HW-7 QRP rig 3W on 40M that he is going to check out. Dan is also finishing up on the SB 200 and SB 201.

Weds Workshop (WB4SPB) No topic yet.

POTA Events (BJ WA7WJR)

BJ WA7WJR reports they had an outing last week and 7 people showed up. There were issues with antenna matching but they managed 41 contacts on FT8. He’s trying to make some band pass filters and was seeking help on that. He plans to do another event September 25th at lower portion of Salt water State Park. BJ also wants to get a pop-up shade for POTA use but did not ask the BOD for funds.

General Meeting Possibly discussion of Salmon Run

Unfinished Business

Randy WB4SPB reported for the nominating committee that includes Al N7OMS and Gary WG7X that the incumbents would run again. Mike W7XTZ for President, Steve AF7YD for Treasurer, Red WB7EC for at large board member and Phil K7PIA for at large board member. Nominations from the floor are taken at September and October general meeting.

New Business

Adam reported that we have 12 operators for Salmon run to operate the club radios. He plans to have a meeting of those people, time TBD to discuss strategies.

Deanna KA7DCX has posted on W7DK face book page and the discord group she also reports on the 2 meter net about Salmon Run.

Activity Reports, Discussion Topics, Announcements

Doug reminded the BOD that at the October BOD meeting we have to determine club dues for the coming year.

Larry KD4VOM reported that he talked to Sara Peterson (community support and PC Net) she expressed an interest in getting her Amateur license and so Larry hooked her up with Stephen. The club should get to know her as a connection to the EmCom and W7DK. At Pierce County website there is some information on PC Net.

Adjournment at was at 20:35 Respectfully, Mike Drorbaugh W7MKE

Radio Club of Tacoma

General Meeting

September 14th, 2022

Officers and Directors Present

Vice President	Adam Barbera W2NCC
Secretary	Mike Drorbaugh W7MKE
Treasurer	Steve Dightman AF7YD
Board	Doug Schafer AB7DG
Board	Phil Pia K7PIA
Board	Paul Matney K7PFU
Board	Red Crane field WB7EC
Board	Bruce Hanson WE7P

Meeting Called to Order at: 19:00 by VP Adam W2NCC

President Mike W7XTZ was called away just as the meeting was about to get underway by a family emergency (not an injury or illness) or he would have presided.

Flag Salute

Led by Adam W2NCC

Quorum? (10% of membership required to conduct business.)

A quorum was not present at the start of the meeting but a total of 30 members attended all or part of the meeting in person or via ZOOM. We also had a former member and a nonmember attending.

Welcome and Acknowledgement of New Members and Visitors (Please introduce yourselves)

Brady (NC) took his testing yesterday and went from zero to Extra Class in one go! Brady lives in Gig Harbor. Don Miller NOTOT a Technician, called in from Gig Harbor as a nonmember visitor.

Health and Welfare/Silent Key & Illness

We learned from his XYL Vikki KI7TCX that Jeff Carter W7WAL RCT #2098 became a SK in January 2022. David Curry N7XRJ RCT 1554 also became a SK but we don't know when. Robert L. Edwards, N7HXX RCT lifetime member # 1207 is now a silent key. Right after the WashJam 2022, Larry Richardson K7LPD who led the RCT group fell and hurt his knees and hand. He had to have operation on his knee and just got a cast off his hand. Mike Finney W7MWF Finnie's XYL passed away recently. We also learned that Anna Winters' (K7ANA) mother passed away in August.

PROGRAM: Online Resources (WB4SPB)

Randy WB4SPB: In a quest to do some research about how to search the *BARK* newsletter, it occurred to Randy to help members get more use out of the online resources and our club website.

Website: is divided into Public information or information available to members who have a website account (member logon).

Public access information anyone can see at www.W7DK.org

Website can be searched via the search box on top right of home page

Home page has info like *BARK* and upcoming events of note

Activities tab: Has lots of things we do often and if the activity is upcoming soon there will be current information. Some activities noted include FD, Awards Banquet, Sweepstakes, Salmon Run, SK Night, and more. There is also a calendar which will note upcoming events.

Governance tab: Has information about bylaws, annual meetings, our non- profit information and a list of Officers and Directors.

Library tab: Has lots of information and includes links to online information and you can do searches for stuff in our libraries

Newsletter tab: Has current issues and past issues back to 2005. Before 2005 newsletters are available as hardcopy in the upstairs library.

Resources tab: Has lots of information about ham radio and links to resources outside of the club.

Video tab: Offers links to a few videos of club events.

Web links tab: Has several topics about ham radio on all kinds of topics

Contact tab: Offers information about how to contact the club or other club officers or members.

Member's information on the Website:

Library tab: Has additional information including links to online information

Governance tab: This is where you find Minutes of BOD and Monthly Meetings that includes Information not published in the *BARK*, such as financials.

Swap n' Swap tab: Has current listings of equipment available for purchase. If you want to list some thing send information to webhost@W7DK.

Workshop Tab: Includes posts of information from 4th Wednesday Night meetings. There's lots of old programs here on lots of topics.

Your Profile tab: Allows you to change or update your profile information or logon information.

Using the Network Attached Storage (NAS)

There are links on the website that you can click on to access the NAS

Use the same user name and password that you use at the clubhouse i.e. logon as RCT Member with associated password. You may encounter a Warning: Potential Security Risk Ahead message. This is not really a security risk so go to advanced and continue with your logon. File Station comes up and is much like Windows Explorer. There are search capabilities using the NAS but some of the searches may be slow.

Secretary's Report

All correspondence was routine, magazines, bills, etc.

Treasurer's Report

Steve AF7YD mentioned that the most recent report was at last week's BOD meeting. We're current on all our bills. As of the end of August we've spent about \$5700 more than we've received which is about normal for annual spending patterns. We're getting into Salmon Run Donation time and membership renewals so hopefully we will see spending/income will come more into balance.

Committee / Activity Reports**Nominating Committee Report (WB4SPB, WG7X, N7OMS)**

Randy WB4SPB reported for the Nominating Committee. The terms of President Mike W7XTZ, Treasurer Steve AF7YD, Board member Phil K7PIA and Board member Red WB7EC will expire this year and are up for election. All incumbents have agreed to run for office again so the committee has fulfilled its mandate to find at least one candidate for each office and has completed its task.

Call for nominations for: President, Treasurer and 2- Board positions

Adam W2NCC made a call for nominations from the floor. Hearing noting, nominations were closed until the October general meeting.

Membership/Salmon Run mailings/Nov. Ballot info (W7XH/K7GRS)

Mike W7XH noted membership stands at 288. He sent out a mailing for Salmon Run and most should have received that already. Salmon Run has already received some donations and he encouraged members to send in their donations. Mailing of election ballots for officers and directors and a ballot for the proposed bylaws along with Membership renewals will go out after the October Monthly meeting. There was some discussion about how to prevent double voting, via the ballot and in person at the Annual Meeting. This issue is not resolved as yet.

VE Report (AC7WW)

Stephen AD7AB reported that two VE sessions were held on 9/13 and 18 people took a total of 35 exams with 21 exams passed.

HF Operations (K7PIA)

Phil K7PIA reports that all stations are operational and available for use. Please come up and use the radios. See contestcalendar.com for radio sport. This month and next has a lot of state QSO parties including the WA State Salmon Run. Another big contest is CQ Worldwide DX RTTY. If you want to contest please let Phil know and we can get the logging setup. See www.NG3K for DX information.

You may have noticed more wallpaper in the HF room. We are replacing the 70cm antenna on the VHF/UHF tower. Al N7OMS and Nick K7MO will be working on the tower and will install the new 70cm antenna and a tri band 6M, 2M and 70cm vertical.

Repeater Operations (N7OMS)

Phil K7PIA read the report from the 9/7/22 BOD report.

IT Report (WB4SPB) Randy WB4SPB reported clubhouse systems are operating within normal and expected parameters.

Museum (KD7SV)

Dan is working on two Heathkit amplifiers. Randy WB4SPB mentioned the club will try to participate in the Classic Exchange in October both CW and Sideband.

Property Management (WB7EC)

Red Reports that last month took in \$147 and so far this month we have doubled that. There have been many good donations. Come to the clubhouse Saturday and you'll have first choice to get the stuff.

Facilities Management (W2NCC)

Adam W2NCC mentioned that the ramp to the kitchen door is mostly done, all the structure is complete and just needs to be painted. We need some help with lawn maintenance.

Bark Editor (WG7X)

Gary WG7X reported we had good contributions that came in recently, keep the cards, letters and electronic contributions coming in.

POTA (WA7WJR)

BJ WA7WJR will be offering some additional POTA activations in September. He's sailing to Guam later and will notify the club of his schedule. He will be activating some of the Pacific Islands.

Unfinished Business

Nothing offered

New Business

Nothing offered

Announcements/show and tell/ traffic & Tuning

Steve AD7VL mentioned that a review of WashJam 2022 might be helpful: did we have goals, did we meet them? What can we do better next time, etc. Did we do a review? No review has been done.

There will be a Salmon Run Team Meeting tomorrow. About 12 people have signed up to operate at the club.

Walt WA7SDY reported online ham convention QSO Today a virtual ham convention. See www.qsotodayhamxpo.com

Information about the WA State Fair seems to be that there is a possibility that RCT might be able to participate in the Fair again with information going to Stephen AD7AB.

Special Event are ongoing including Route 66 and there are always some POTA calls so if you're looking for opportunities to make HF contacts they are there.

Adjournment was at 20:24 Submitted by



MAILBAG!



From our long lost Member: Ricky, "Radioman" KR7W and his trusty Companion Chuck, AC7QN "The Terror of Fox Island" we bring you a fine tale of travel, fun and adventure in the wilds of Eastern Washington for the ever popular Washington State QSO party, also known as "The Salmon Run"!



#1A

The 2022 WW7LW EWA Salmon Run Reunion Tour

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On Friday, Sept 16, Chuck AC7QN drove from Gig Harbor and Ricky KR7W drove from Ammon, ID and met at the Lyons Ferry KOA campground- the usual Home Base- located on the scenic Snake River just west of Starbuck, WA, just downstream from Little Goose Dam. I consider this outing a 'reunion' because last year I wasn't available to participate as I was moving to Idaho.

At the picnic table, around the Coleman stove whilst warming up our dinners- Goals were set: Have Fun, provide less traveled county QSOs for Salmon Run participants, not have conflicts with land owners over trespassing, and do our damndest to work all 39 WA counties – AKA The Holy Grail of WA Ham Radio Ops: The Clean Sweep.

We made our first Expedition QTH, the furthest from the Home Base- The **GAR**field – **ASO**tin county line about 55 miles east on Highway 12 at a wide and deep pullout, next to the guardrail. At previous visits to this county line, I noticed that Inslee's WADOT had placed the big green 'Welcome to Asotin County' sign in the wrong place. This year the errant sign is missing. Per Google Earth and the Roadside Attraction sign- our Expedition Mobile was sitting in both counties per the Salmon Run Rules.



Chuck, AC7QN Operating WW7LW at the Garfield / Asotin county line!

70 Seventy-five Meter QSOs were made, 6 CW, at the **GAR-ASO** county line in 100 minutes.

Next stop- Little Goose Dam Recreation Area- **COL**umbia County

[Little Goose Landing - Lake Byron - Google Maps](#)

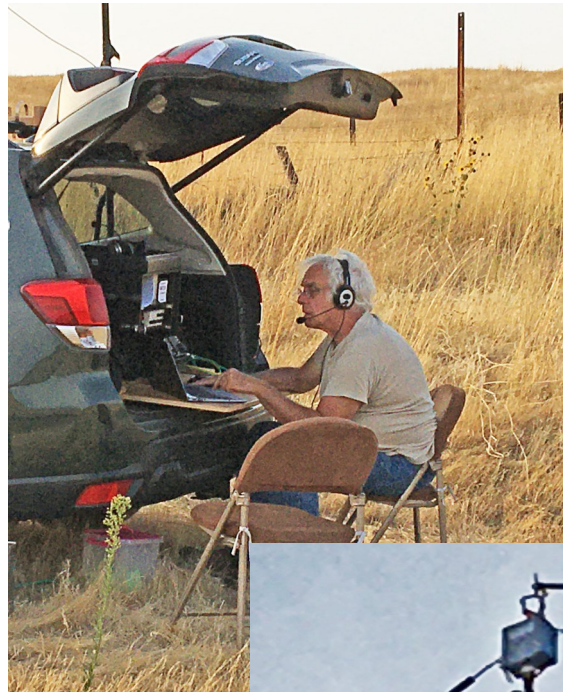
This area, which includes the hydro electric dam, is owned by the US Army Corps of Engineers. With 75 meters fading out and 40 meters not quite active yet- we stopped at Little Goose, in Columbia County, mostly because we hadn't been there before. Turns out it's a small camping, picnic, fishing, and boating area. We set up

in a parking lot and attached our antenna guy strings to an Abe Lincoln style split rail fence to discover a higher than usual S-3 to S-4 noise level on 75 meters with no noticeable signals- so we switched to S-Zero quiet 40M and made 36 QSOs, 2 were CW in about two hours time.

Last Stop of the Day- The **COL**umbia- **WALL**a Walla County line.

This is my favorite operating place with its - Oh beautiful for spacious skies, For amber waves of grain- kind of scenery. We set up in a small chunk of land at the intersection two county roads on the COL-WAL county line- on the public side of the POSTED NO TRESPASSING signs. On the Air at 1700- 75M where SSB was very

active. Here we made 98 QSOs, 14 CW in 2 ½ hours.



Chuck,
AC7QN AKA
"The Terror
of Fox Is-
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At about 1800, just before dark, a very impressive lightning storm began to our south. The strike VS BOOM time indicated the storm was about 10 miles away. At 1930 it was raining enough to indicate it wasn't going to let up anytime soon. Using bright headlamps we took the antenna down, packed up and headed back to home base. The lightning storm continued well past 11 PM. Just like in 2020, it rained throughout the night and my tent took on water.

Sunday's First and Last Stop is FRAnklin County - After a late start, we set up the Expedition Mobile station across the Snake River at Lyons Ferry State Park - On the Air by 1100. We were in an isolated area away from the main picnic area, but even so- there were many signs that warned us that we needed to have a Discover Pass in order to be there. Chuck asked, "What are we gonna do about that?" I said that we hope Mr. Ranger doesn't stop by and give us a \$100 ticket. A couple of hours later, our luck ran out when **Ms. Ranger** drove up. "Where's your pass?" "I'm glad you stopped by", I say. "I am hoping to buy a day pass from you so we can contribute to WA State Parks". After a bit of psychic mind reading, it was revealed to me that she thought I was a smartass. Then, after paying her the \$10, Ms. Ranger mentioned to us that another ham radio vehicle was here all day Saturday. Consulting our log- it was determined that Expedition Station N7QT- was the only FRAnklin county ham we made contact with. Later on, we had a QSO with N7QT who was set up in WAL County.

By this time... we were one county from achieving the coveted Clean Sweep. Where's PEND Oreille? I had heard a SSB station from PEND in QSO with another ham. I called and called without success. Another ham on frequency mentioned that the PEND ham was in the process of moving and would try and get back to his radio.

Randy, K7TQ, an avid CW mobile Salmon Run operator- published a schedule of which Eastern WA counties he would be mobile-ing through and at what times. We had made contact with him 8 other times. His schedule stated that he would be on 80M CW for 5 minutes at the top of the hour, otherwise he'd be on 20 or 40 Meters. His schedule also stated that he would be operating in PEND at 1630- Not at the top of the hour.

At 1630 I found K7TQ on 40M and called and called. I could not tell if he returned our call because of the **loud big gun** stations rudely pouncing over and over again out of order- nearly to the point of **LID-ness**. Some hams were sending the CW '**WAIT**' prosign- but it seemed like the unaware hams didn't hear or understand **dit dah dit dit dit**. Chuck sat on the edge of his chair in anticipation- then K7TQ was done. Gone. SK. I apologized to Chuck who was forgiving.

But then, I blurted out to Chuck, "**dit dah dit dit dit!!**". Then, on a whim, changed bands to 3535 KHz, Mr K7TQ's 80 meter "Top of the Hour" frequency.... There he was calling CQ SR CQ SR. No one is responding, so with a push of the laptop's Pounce Function Key... then K7TQ responds, "**WW7LW 599 PEND**"- With 13 minutes left in the game we score the final touchdown. We were Snake River Dam excited. Finally, after 15 years participating in the Salmon Run as Rovers in Eastern WA. It's Clean Sweep Time – Frosting on the cupcake. We shudda went back to the 3930 KHz watering hole and asked for KING, PIE, SNO stations and then gloated... but nope, t'was time to pack up. To be consistent – 65 QSOs, 17 CW were made in FRA county.

Epilogue

THANK YOU... to Randy **K7TQ** for his mobile-ing around Eastern WA to give away CW QSOs to Salmon Run hams in search of the less traveled counties.

Also, **Big Thanks to Brian, W7BJN** of **GR**Ant County for being the "Net Control" or "Dispatcher" of the 3930 Meet Up – Watering Hole- frequency. Without Brian's big signal presence, patience, and organizational skills - many hams would be missing out on counties.

A few Fun On Air Encounters: Many hams CQs we pounced on replied, "You are a DUPE". We'd reply, "Which county were we in?" Then we'd say, "Now we are in Walla Walla and Columbia counties". The ham would reply something like, "We'll that's different. Thanks for the needed counties". After operating in different counties- hams would ask us, "Where are you at now?" or "Where are you going next?" One ham wanted an email address so he could "buy us a beer." Lastly, After logging a contact, I called "QRZ this is WW7LW The Wireless Giant of Eastern WA". I heard one ham reply, "Boy, What a bunch of BS". Good natured fun on the airwaves.

Hams who are unfamiliar with WW7LW's Expedition-Rover Salmon Run attempts might be curious about the Radio equipment and antenna used. Details follow.



In the **DIY Go Box** resides a 10 year old Elecraft KX3 and its companion KX3PA 100 Watt Linear Amplifier with built in Antenna Tuner. Above that is a MFJ 25 AMP "Mighty Lite" power supply modified for 14.8 Volts out. Also is the Multi-Function Acme Box- that performs these duties: Multiple headset and speaker audio distribution; PTT interface between PC and Radio; Audio File interface between PC and Radio as well as Mic to Radio. The Loudspeaker is a super clear sounding GE MASTR II mobile speaker.

The Antenna is a 20-40-80 Meter Fan Inverted Vee Dipole with the elements closely spaced using Wide Glide Electrical Tape. (See page 11 pix. Ed.) A Mix 77 Choke Balun at the Feed Point. Fed with 50 ft of RG58 Coax. The Center Mast is an 11 ft section of Chain Link Fence Rail pipe that a 23 ft Fiberglass Windsock pole slides down onto. Total height with no bending is 33 ft. The mast is held vertical with a home built 'drive over' mast receiver made from ¼" steel plate and ¼" 2" diameter steel pipe.

I had a mental list of "What will we do differently or better at our next Salmon Run Outing". I know that there were 2 or 3 items, but I cant seem to remember any of that... after writing about and reliving making the last touchdown to win the game with 13 minutes left on the clock.

As usual, thanks for reading this far. Best Regards, Ricky KR7W.

WASHJAM 2022

Mike W7MKE

WashJam 2022, the Washington State Scouting Jamboree took place August 18-21 at Ft. Steilacoom Park. There were approximately 1500 Scouts attending, and many, many events. The Radio Club of Tacoma was asked to provide Amateur Radio services to the Jamboree. We were asked to be available to show scouts Amateur Radio in service and answer questions about the hobby. We were not authorized nor asked to provide merit badge counseling or services.



Partial View of WashJam 2022. RCT location in background.



Honda 2200 generators

Larry K7LBD, and Red WB7EC took the lead in providing information and services to our RCT team. Larry provided all the radio equipment and Red provided all the information on time and place. Thursday the 18th saw Larry, Red, Al N7OMS, and Mike W7MKE at the site to setup the gear. Other helpers that showed up for the event included Doug AB7DG and Steve AD7VL. Larry has outstanding EmCom gear mounted in to go hard shell boxes. Typically each box contained an HF radio paired with a VHF/UHF radio. Larry provided four boxes with HF/VHF/UHF transceivers. The rigs included an IC-7300, IC-9700, a Yaesu 450 Pactor 3, 57,600 baud rate modem an IC-5100 and IC-7100 and three battery boxes. The radio gear is all rack



Go box w/rack mounted
IC-7300 LDG Z-100 Tuner
and IC Speaker.

mounted within their boxes and designed with power pole connectors to run from emergency power. Larry's emergency power was supplied from full sized Absorbent Glass Matt Batteries being recharged by twin Honda 2000-watt generators running on propane fuel and working in parallel. The batteries are housed in separate hard-shell boxes and are large car battery sized, 90+ AH batteries designed for multiple recharges. The battery boxes have IC-4100 radios and mag mount antennas. One small tank of propane lasted 11.5 hours running the two generators recharging the batteries.

Larry also supplied four new Chameleon backpack antennas paired with a tripod base and masts and coax cables. These are multiband capable antennas and proved to be very capable even though we did not deploy them in the most effective way as they were only maybe 12' above ground. One additional antenna was a 20M Buddy Stick. This is a 20M dipole that we were able to get up about 25 feet using two 10' sections of antenna mast and mounted that on Red's RV. The proved to be a good working antenna as Mike made several contacts during the North American QSO party.

Interaction with the Scouts was not as expected. Many groups visited our site but when they realized they could not work toward a merit badge, most lost interest and left. Some stayed and we talked to them about our hobby. In one or two cases, a Scout tried to make contacts on the HF rig but were shy. There was more interest in Larry's PACTOR activities as the computer screen seemed to interest them. We also had available several HTs and a set of walkie-talkies that we shared with the scouts, allowing them to get a feel for radio communications. In one or two instances we encountered other scout leaders who were licensed and one or two leaders who expressed interest in visiting the RCT Clubhouse. On the third weekend in October there is a Scouting Jamboree On the Air event, with a possible visit from a Cub Pack to W7DK.



The setup crew: Mike W7MKE, Larry K7LBD, Al N7OMS, and Red WB7EC

The Mighty DK's!

Monthly QSO Report

Each month in the *Bark* the Radio Club of Tacoma recognizes the members and guests who have made non-contest QSOs using the HF stations at our clubhouse. Saturday Open House, especially, is a time when members have access to this equipment. Why not sit down at one of our operating desks and make a contact or two? Assistance is almost always available for those unfamiliar with the equipment, and if your license class doesn't permit HF operation, ask the denizens of the HF Room or the Saturday clubhouse host to help you find a suitably-licensed control operator to sit with you. It's a feather in the club's hat for the call sign of **The Mighty DK** to be heard on the airwaves. So get on the air and get your name in the *Bark*! (Don't forget to enter your call sign as the operator into our logging program.)

QSOs Aug 28 through Sept 29, 2022:

Mike W7MKE: 76

Randy WB4SPB: 1

What was old is now new again!

Once upon a time, the Radio club of Tacoma had a list of people who would act as mentors to new hams or just hams who wanted to ask questions about almost anything.

In ham radio lingo, these types of folks were called “Elmers” from old articles printed, probably in QST, about fellows that would help new hams with questions pertaining to ham radio. The actual origin of the term is kind of lost in the mists of time, but RCT has had this list of mentors for many years. It went away for “reasons” and is now making a return to the club and the Loggers Bark.

This list is preliminary and will be edited or added to as time goes on.

In the list below, you will see members listed with numbers after their names. The numbers correspond to the subject list on the left. So just look at the numbered subject list on the left and see who has those subject(s) as one of their topics. Phone numbers are listed for your use.

Please ignore the background, your editor is still messing around with this stuff!

Elmer Board

Do you need help with some area in ham radio? Here is a place..... First is the listing of areas of support, followed by a list of members' areas of interest.	
1. Technical questions, Classes	Adam W2NCC 360-870-7894 (4,5,6,7,11)
2. Help with Code	AI N7OMS 253-495-9068 (10,12)
3. License Examinations	Dave N7HT 253-363-1692 (1,2,4,6,8)
4. Antenna and Station planning	Dave W7UUU 360-443-6981 (2,4,6,9)
5. Antenna and Tower erection	Gary WG7X 253-327-0503 (1,4,5,6,8,9,10,11,12)
6. Buying new or used equipment	Mike W7XTZ 253-405-8095 (6,8,10)
7. Equipment repair	Phil K7PIA 253-307-4781 (9,10,12)
8. Understanding and operating your equipment	Randy WB4SPB 253-761-9391 (2)
9. DX and Contests	Stephen AD7AB 253-212-9437 (1,3,4,12)
10. Club and ARRL activities	Steve AF7YD 253-988-0878
11. Using test equipment	
12. IRLP, Digital, SDR, ARPS, Winlink, Vara, Satellite	

THE CLUB LINEUP

CLUB OFFICERS

President: Mike Mikuchonis –W7XTZ w7xtz@w7dk.org

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MEMBERSHIP INFO: FULL (licensed) and ASSOCIATE (non licensed) membership is \$35 per calendar year or \$30 for Licensed Seniors (65 and over). Licensed family members at same address pay \$20 each for the first two and are free for the third, fourth, and so on. Full-time students, licensed or non licensed, up to age 25 are \$20 per year. Note: fees are applicable for the calendar year: Jan to Dec. Lifetime membership is 20 times the yearly fee you are eligible for. Lifetime memberships are calculated based on the FULL and ASSOCIATE rates.

www.w7dk.org [LINK] - For the latest and most current information on events and activities, visit the Radio Club of Tacoma Website.

RADIO CLUB REPEATERS

Central Tacoma: 147.280 + PL=103.5

Crawford Mountain 147.380 + PL=103.5 (E of Olympia © 1500 ft ASL)

Central Tacoma: 440.625 + PL=103.5

North Tacoma: 145.21 – PL=141.3